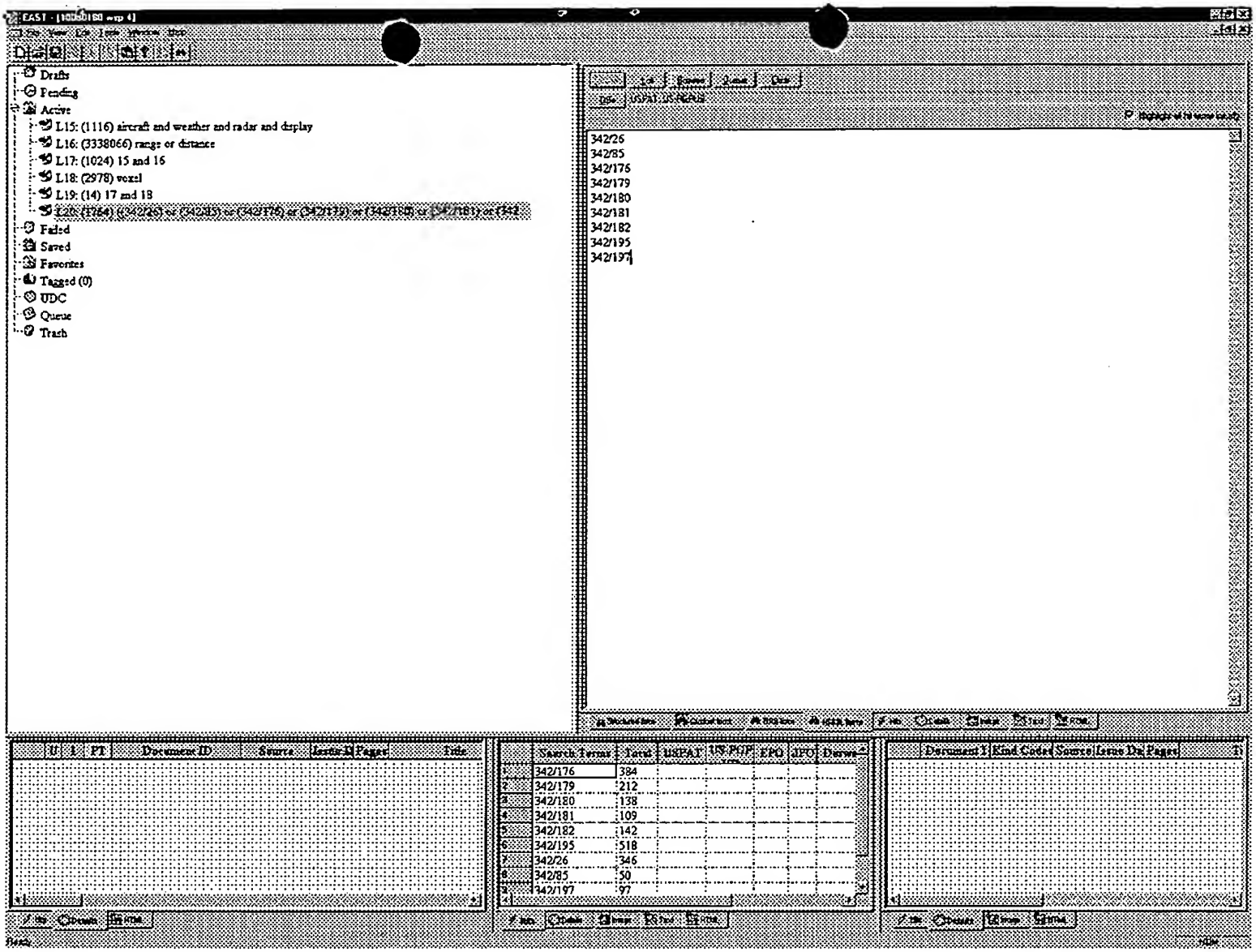
EAST - [10050180 wrp 4]
Drafts
Pending
Active
L15: (1116) aircraft and weather and radar and display
L16: (3338066) range or distance
L17: (1024) 15 and 16
L18: (2978) voxel
L19: (14) 17 and 18
Failed
Saved
Favorites
Tagged (0)
UDC
Queue
Trash
342/26
342/85
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342/180
342/181
342/182
342/195
342/197
Search Terms
Total
USPAT
US PGPB
EPO
JPO
Derwent
342/176 384
342/179 212
342/180 138
342/181 109
342/182 142
342/195 518
342/26 346
342/85 50
342/197 97
Document ID
Source
Issue Dt
Pages
Title
Document ID
Kind Code
Source
Issue Dt
Pages

L Number	Hits	Search Text	DB	Time stamp
15	1116	aircraft and weather and radar and display	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/19 12:06
16	3338066	range or distance	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/19 12:06
17	1024	(aircraft and weather and radar and display) and (range or distance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/19 12:07
18	2978	voxel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/19 12:07
19	14	((aircraft and weather and radar and display) and (range or distance)) and voxel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/19 12:20
20	1764	((342/26) or (342/85) or (342/176) or (342/179) or (342/180) or (342/181) or (342/182) or (342/195) or (342/197)).CCLS.	USPAT; US-PGPUB	2003/04/19 12:22

SERIAL NUMBER 10080180

EAST: search history attached

FROM IEEE

Search terms: (weather <or> meterological) <and> radar <and> display

1 Low altitude wind shear detection using airport surveillance radars
Weber, M.E.; Stone, M.L.;
Radar Conference, 1994., Record of the 1994 IEEE National , 29-31 Mar 1994
Page(s): 52 -57

2 Integrated methods of diagnosing and forecasting aviation weather
Lindholm, T.A.;
Digital Avionics Systems Conferences, 2000. Proceedings. DASC. The 19th , Volume: 1 , 2000
Page(s): 3D2/1 -3D2/8 vol.1

3 Mode S data link applications for general aviation
Bussolari, S.R.; Bernays, D.J.;
Digital Avionics Systems Conference, 1995., 14th DASC , 5-9 Nov 1995
Page(s): 199 -206

4 Radar synthetic vision system for adverse weather aircraft landing
Sadjadi, F.; Helgeson, M.; Radke, M.; Stein, G.;
Aerospace and Electronic Systems, IEEE Transactions on , Volume: 35 Issue: 1 , Jan 1999
Page(s): 2 -14

5 Inducing codes from examples
Wai-Hong Leung; Skiena, S.S.;
Data Compression Conference, 1991. DCC '91. , 8-11 Apr 1991
Page(s): 267 -276

6 U.S. Coast Guard Aireye remote sensing system: the system-its uses-future upgrades
Smith, B.T.;
Digital Avionics Systems Conference, 1992. Proceedings., IEEE/AIAA 11th , 5-8 Oct 1992
Page(s): 51 -56

7 Synthetic vision/enhanced vision system implementation
Ferguson, D.; Radke, J.;
Telesystems Conference, 1993. 'Commercial Applications and Dual-Use Technology', Conference Proceedings., National , 16-17 Jun 1993
Page(s): 91 -95

8 Microelectronic component testing using circuit modeling
Breaux, P.J.; Casey, P.J.; Alexander, J.F.;
AUTOTESTCON '93. IEEE Systems Readiness Technology Conference. Proceedings , 20-23 Sep 1993
Page(s): 521 -528

9 An ARINC D-Size, liquid crystal display for aircraft primary flight instruments
McCartney, R.; Ackerman, J.;
Digital Avionics Systems Conference, 1994. 13th DASC., AIAA/IEEE , 30 Oct-3 Nov

1994
Page(s): 620 -625

10 National Weather Service (NWS) operational impacts of the NEXRAD scientific and technical evolution in the AWIPS era
Radlein, R.; Lane, R.;
Aerospace and Electronics Conference, 1997. NAECON 1997., Proceedings of the IEEE 1997 National , Volume: 1 , 14-18 Jul 1997
Page(s): 336 -340 vol.1

11 No room for Rembrandt: combining WXR, TCAS, TAWS, FMS, VMS, and CNI on one display
Ulbrich, E.A., Jr.;
Digital Avionics Systems Conference, 1999. Proceedings. 18th , Volume: 2 , 1999
Page(s): 6.C.1-1 -6.C.1-8 vol.2

12 Cockpit integration of uplinked weather radar imagery
Kelly, W.; Kronfeld, K.; Rand, T.;
Digital Avionics Systems Conferences, 2000. Proceedings. DASC. The 19th , Volume: 1 , 2000
Page(s): 3D4/1 -3D4/6 vol.1

13 Royal Navy electromagnetic modelling operational requirement for above water warfare planning
Bevan, S.; Lewis, D.;
Common Modelling Techniques for Electromagnetic Wave and Acoustic Wave Propagation, IEE Colloquium on , 8 Mar 1996
Page(s): 1/1 -1/4

14 Optimal polarizations for statistically distributed scatterers-theory and measurements with the DFVLR weather radar
Tragl, K.; Schroth, A.; Luneburg, E.;
Antennas and Propagation, 1989. ICAP 89., Sixth International Conference on (Conf. Publ. No.301) , 4-7 Apr 1989
Page(s): 88 -95 vol.2

15 Modern aviation weather systems for efficient flight management
Mahapatra, P.R.; Zrnic, D.S.;
Position Location and Navigation Symposium, 1990. Record. 'The 1990's - A Decade of Excellence in the Navigation Sciences'. IEEE PLANS '90., IEEE , 20-23 Mar 1990
Page(s): 457 -463

16 Seeing through the weather: enhanced/synthetic vision systems for commercial transports
Todd, J.R.; Hester, R.B.; Summers, L.G.;
Digital Avionics Systems Conference, 1992. Proceedings., IEEE/AIAA 11th , 5-8 Oct 1992
Page(s): 503 -508

17 Display processing for a synthetic vision system (SVS) utilizing the VME environment
Helgeson, M.; Dietrich, P.; Kooyman, J.; Reitan, R.; Radke, J.; Edwards, T.; Witt, W.; Jordan, L.;
Digital Avionics Systems Conference, 1992. Proceedings., IEEE/AIAA 11th , 5-8 Oct 1992
Page(s): 532 -537

18 A three millimeter airborne radar for high resolution polarimetric cloud measurements
Pazmany, A.L.; Galloway, J.; Popstefanija, I.; McIntosh, R.E.; Kelly, R.; Vali, G.;
Geoscience and Remote Sensing Symposium, 1993. IGARSS '93. 'Better Understanding of Earth Environment'., International , 18-21 Aug 1993
Page(s): 326 -328 vol.1

19 A multiple scale neural system for boundary and surface representation of SAR data
Grossberg, S.; Mingolla, E.; Williamson, J.;
Neural Networks for Signal Processing [1995] V. Proceedings of the 1995 IEEE Workshop , 31 Aug-2 Sep 1995
Page(s): 313 -322

20 Field evaluation of data link services for general aviation
Chandra, D.C.; Bernays, D.J.; Bussolari, S.R.;
Digital Avionics Systems Conference, 1995., 14th DASC , 5-9 Nov 1995
Page(s): 258 -263

21 Radar measuring of turbulence intensity in clouds and precipitation
Prokopenko, I.G.; Yanovsky, F.J.;
Microwaves, Radar and Wireless Communications. 2000. MIKON-2000. 13th International Conference on , Volume: 1 , 2000
Page(s): 231 -234 vol.1

22 Coordinated flight control along a complex flight-path
Thompson, J.G.; Zhang, X.;
Digital Avionics Systems Conferences, 2000. Proceedings. DASC. The 19th , Volume: 1 , 2000
Page(s): 2A6/1 -2A6/7 vol.1

23 Airborne weather radar as an instrument for automatic mapping
Yanovsky, F.J.; Belkin, V.V.; Dzyubenko, V.P.;
Microwaves, Radar and Wireless Communications, 2002. MIKON-2002. 14th International Conference on , Volume: 2 , 2002
Page(s): 704 -707 vol.2

24 Sensors and systems to enhance aviation safety against weather hazards
Mahapatra, P.R.; Zrnic, D.S.;
Proceedings of the IEEE , Volume: 79 Issue: 9 , Sep 1991
Page(s): 1234 -1267

25 TALONS 95 GHz radar sensor for autonomous landing guidance
Koester, K.L.; Vaillancourt, W.;
IEEE Aerospace and Electronics Systems Magazine , Volume: 7 Issue: 7 , Jul 1992
Page(s): 40 -44

26 Comments on “HAL-3 radar test set”
Johnston, S.L.;
Aerospace and Electronic Systems, IEEE Transactions on , Volume: 31 Issue: 2 , Apr 1995
Page(s): 854

27 Visualization of volcanic ash clouds
Roth, M.; Guritz, R.;

Computer Graphics and Applications, IEEE , Volume: 15 Issue: 4 , Jul 1995
Page(s): 34 -39

28 Low altitude wind shear detection using airport surveillance radars
Weber, M.E.; Stone, M.L.;
IEEE Aerospace and Electronics Systems Magazine , Volume: 10 Issue: 6 , Jun 1995
Page(s): 3 -9

29 Variability in ERS scatterometer measurements over land
Abdel-Messeh, M.; Quegan, S.;
Geoscience and Remote Sensing, IEEE Transactions on , Volume: 38 Issue: 4 , Jul 2000
Page(s): 1767 -1776

	Document ID	Issue Date	Inventor	Current OR
1	US 5920276 A	19990706	Frederick, Philip R.	342/26
2	US 20030001770 A1	20030102	Cornell, Bill G. et al.	342/26
3	US 20030016156 A1	20030123	Szeto, Roland Y. et al.	342/26
4	US 20030016155 A1	20030123	Szeto, Roland Y. et al.	342/26